


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: [The ACM Digital Library](#) [The Guide](#)

USPTO

Searching within **The ACM Digital Library** with **Advanced Search**: (website and webpage) and (diagram or map) ([start a new search](#))

Found **33** of **11,002**

REFINE YOUR SEARCH

[Search Results](#)
[Related SIGs](#)
[Related Conferences](#)

▼ Refine by Keywords

Discovered Terms

▼ Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Reviewers](#)

▼ Refine by Publications

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

▼ Refine by Conferences

[Sponsors](#)
[Events](#)
[Proceeding Series](#)

Results 1 - 20 of 33

Sort by [relevance](#) in [expanded form](#)

[Save results to a Binder](#)

Result page: [1](#) [2](#) [next](#)

1 [Supporting end-users of statistical information: the role of statistical metadata in the Statistical Knowledge Network](#)

Carol A. Hirt, Stephanie Haas

May 2003 **dg.o '03**: Proceedings of the 2003 annual national conference on Digital government research

Publisher: Digital Government Research Center

Full text available: [Pdf](#) (51.25 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 22, Citation Count: 2

Metadata is integral to many processes in the Statistical Knowledge Network (SKN). Recent efforts such as the Semantic Web (Berners-Lee et al., 2001), the joint work of I and Columbia University (Ambite et al., 2002), and ours (Marchionini, et al., ...

2 [ACM SIGGRAPH Computer Graphics: Volume 37 Issue 2](#)

May 2003 SIGGRAPH Computer Graphics

Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

3 [Dynamic metrics for java](#)

Bruno Dufour, Karel Driesen, Laurie Hendren, Clark Verbrugge

November 2003 **OOPSLA '03**: Proceedings of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications

Publisher: ACM

Full text available: [Pdf](#) (222.67 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 150, Citation Count: 25

In order to perform meaningful experiments in optimizing compilation and run-time system design, researchers usually rely on a suite of benchmark programs of interest to the optimization technique under consideration. Programs are described as *numeric*, ...

Keywords: Java, dynamic metrics, execution traces, optimization, profiling, program analysis, software metrics

Also published in:

November 2003 **SIGPLAN Notices** Volume 38 Issue 11

4 [Staging transformations for multimodal web interaction management](#)

Michael Narayan, Christopher Williams, Saverio Perugini, Naren Ramakrishnan

May 2004 **WWW '04**: Proceedings of the 13th international conference on World Wide Web
Publisher: ACM


ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found **33** of **11,002**


Full text available:  Pdf (2.76 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 49, Citation Count: 2


Multimodal interfaces are becoming increasingly ubiquitous with the advent of mobile devices, accessibility considerations, and novel software technologies that combine diverse interaction media. In addition to improving access and delivery capabilities, ...

Keywords: mixed-initiative interaction, out-of-turn interaction, partial evaluation, program transformations, web dialogs

5 [The character, functions, and styles of instant messaging in the workplace](#)

 Ellen Isaacs, Alan Walendowski, Steve Whitaker, Diane J. Schiano, Candace Kamm
November 2002 **CSCW '02**: Proceedings of the 2002 ACM conference on Computer support cooperative work

Publisher: ACM

Full text available:  Pdf (519.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 428, Citation Count: 55


Current perceptions of Instant Messaging (IM) use are based primarily on self-report studies. We logged thousands of (mostly) workplace IM conversations and evaluated their conversational characteristics and functions. Contrary to prior research, we ...

Keywords: informal communication, instant messaging, media switching, multitasking workplace collaboration

6 [Free-link topology navigation on statistical table objects: metadata schema and user interface](#)

Xiangming Mu, Gary Marchionini
May 2003 **dg.o '03**: Proceedings of the 2003 annual national conference on Digital government research


Publisher: Digital Government Research Center

Full text available:  Pdf (45.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#)


Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 6, Citation Count: 0

A table object, defined and described in XML, is treated as the basic unit in a free-link topology that enables multiple inheritances for each node. In this paper, a novel table navigation system called TableHunter is introduced. Each table object is ...

7 [The design of auditory user interfaces for blind users](#)

 Hilko Donker, Palie Klante, Peter Gorny
October 2002 **NordiCHI '02**: Proceedings of the second Nordic conference on Human-computer interaction

Publisher: ACM

Full text available:  Pdf (3.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 128, Citation Count: 8

Previous screen readers provide blind WWW-users only with the textual contents of the web pages, but exclude the access to important information coded in the layout of web pages. The approach we introduce here shall overcome the layout barrier of webpages

Keywords: accessibility, accessible internet, auditory interaction objects, barrier free


GUI, binaural perception, blind users, spatialized sounds, visually impaired users

8 A hybrid approach to natural language web search

Jennifer Chu-Carroll, John Prager, Yael Ravin, Christian Cesar

July 2002 **EMNLP '02: Proceedings of the ACL-02 conference on Empirical methods in natural language processing - Volume 10**, Volume 10

Publisher: Association for Computational Linguistics

Full text available:  Pdf (118.21 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 32, Citation Count: 2


We describe a hybrid approach to improving search performance by providing a natural language front end to a traditional keyword-based search engine. The key component of the system is iterative query formulation and retrieval, in which one or more queries ...

9 First impressions: emotional and cognitive factors underlying judgments of trust e-commerce

Andrea Basso, David Goldberg, Steven Greenspan, David Welner

October 2001 **EC '01: Proceedings of the 3rd ACM conference on Electronic Commerce**

Publisher: ACM

Full text available:  Pdf (207.02 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 156, Citation Count: 6

Different network media create different shopping experiences, e.g., the phone vs the web. In this study, we examined the early formation of trust and the likelihood that shopper will return to a website for subsequent purchases. Consumers were ...

Keywords: attunement, audiovisual communication common ground, e-commerce, instant messaging, retail, trust

10 Protein similarity from knot theory and geometric convolution

Michael A. Erdmann

March 2004 **RECOMB '04: Proceedings of the eighth annual international conference on Research in computational molecular biology**

Publisher: ACM

Full text available:  Pdf (467.10 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 58, Citation Count: 1

Shape similarity is one of the most elusive and intriguing questions of nature and mathematics. Proteins provide a rich domain in which to test theories of shape similarity. Proteins can match at different scales and in different arrangements. Sometimes ...


Keywords: homology, homotopy, knot theory, protein structure, robot motion planning, writhing

11 Rendering effective route maps: improving usability through generalization

Maneesh Agrawala, Chris Stolte

August 2001 **SIGGRAPH '01: Proceedings of the 28th annual conference on Computer graphics and interactive techniques**

Publisher: ACM

Full text available:  Pdf (2.23 MB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 168, Citation Count: 35

Route maps, which depict a path from one location to another, have emerged as one of

the most popular applications on the Web. Current computer-generated route maps, however, are often very difficult to use. In this paper we present a set of cartographic


Keywords: WWW applications, human factors, information visualization, non-realistic rendering

12 Shape-based retrieval and analysis of 3D models

Thomas Funkhouser, Michael Kazhdan

August 2004 **SIGGRAPH '04**: SIGGRAPH 2004 Course Notes

Publisher: ACM

Full text available:  Pdf (12.56 MB) Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 710, Citation Count: 0


Large repositories of 3D data are rapidly becoming available in several fields, including mechanical CAD, molecular biology, and computer graphics. As the number of 3D models grows, there is an increasing need for computer algorithms to help people find ...

13 Multi-model similarity propagation and its application for web image retrieval

Xin-Jing Wang, Wei-Ying Ma, Gui-Rong Xue, Xing Li

October 2004 **MULTIMEDIA '04**: Proceedings of the 12th annual ACM international conference on Multimedia

Publisher: ACM

Full text available:  Pdf (726.07 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 87, Citation Count: 7

In this paper, we propose an iterative similarity propagation approach to explore the interrelationships between Web images and their textual annotations for image retrieval. By considering Web images as one type of objects, their surrounding texts ...


Keywords: iterative similarity propagation, mixture model, multimedia retrieval, mutual reinforcement

14 Christopher Alexander's fifteen properties applied to the design of communication

John W. Stamey, Jr., Thomas L. Honeycutt

October 2004 **SIGDOC '04**: Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation

Publisher: ACM

Full text available:  Pdf (354.15 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 60, Citation Count: 2

This paper examines Christopher Alexander's Fifteen Fundamental Properties of Living Structures, and their relationship to the design of communication through website development. The Fifteen Properties are found to describe and provide solutions to ...

Keywords: Christopher Alexander, architectural properties, design patterns, documentation, nature of order, web design, web interfaces

15 Projectors: advanced graphics and vision techniques

Ramesh Raskar

August 2004 **SIGGRAPH '04**: SIGGRAPH 2004 Course Notes

Publisher: ACM


Full text available:  Pdf (6.53 MB) Additional Information: full citation, cited by

Bibliometrics: Downloads (6 Weeks): 110, Downloads (12 Months): 669, Citation Count: 1

16 Enhancing usability in CITIDEL: multimodal, multilingual, and interactive visualization interfaces

Saverio Perugini, Kathleen McDevitt, Ryan Richardson, Manuel A. Pérez-Quinones, Rao Sh Naren Ramakrishnan, Chris Williams, Edward A. Fox
June 2004 **JCDL '04**: Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  Pdf (828.8 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 47, Citation Count: 6


We describe four usability-enhancing interfaces to CITIDEL aimed at improving the user experience and supporting personalized information access by targeted communities. These comprise: a multimodal interaction facility with capability for out-of-turn ...

Keywords: community translation, interactive visualization, interfaces, out-of-turn interaction

17 Adding tuples to Java: a study in lightweight data structures

G. van Breuwig, H. J. Sips
November 2002 **JGI '02**: Proceedings of the 2002 joint ACM-ISCOPE conference on Java Grande

Publisher: ACM

Full text available:  Pdf (91.24 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 53, Citation Count: 2


Java classes are very flexible, but this comes at a price. The main cost is that every class instance must be dynamically allocated. Their access by reference introduces pointer dereferences and complicates program analysis. These costs are particularly ...

Keywords: Java, lightweight data structures, tuple

18 Website navigation architectures and their effect on website visibility: a literature survey

Mellus Weideman, Mongezi Mgidana
October 2004 **SAICSIT '04**: Proceedings of the 2004 annual research conference of the South African institute of computer scientists and information technologists c IT research in developing countries

Publisher: South African Institute for Computer Scientists and Information Technologists

Full text available:  Pdf (36.01 KB) Additional Information: full citation, abstract, references, cited by, index terms


Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 137, Citation Count: 1

Search engines hold a promise of delivering relevant and useful information to the human user. The primary objective of this research project is to compare and report on different types of navigation schemes, their advantages and disadvantages, and the ...



Keywords: crawler, design, human factors, navigation, performance, search engine, visibility

19 Experience with an evolving overlay network testbed

David G. Andersen, Hari Balakrishnan, M. Frans Kaashoek, Robert Morris
July 2003 **SI GCOMM Computer Communication Review** , Volume 33 Issue 3

Publisher: ACMFull text available:  Pdf (115.26 KB) **Additional Information:** full citation, abstract, references, cited by**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 23, Citation Count: 3

The MIT RON testbed consists of 36 Internet-connected nodes at 31 different sites. It has been in operation for two years. This paper presents an overview of the testbed, summarizes some of the research for which it has proved useful, and presents the ...

20 CS AKTive space: representing computer science in the semantic web m. c. schraefel, Nigel R. Shadbolt, Nicholas Gibbins, Stephen Harris, Hugh GlaserMay 2004 **WWW '04:** Proceedings of the 13th international conference on World Wide Web**Publisher:** ACMFull text available:  Pdf (346.31 KB) **Additional Information:** full citation, abstract, references, cited by, index terms**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 50, Citation Count: 6

We present a Semantic Web application that we call CS AKTive Space. The application exploits a wide range of semantically heterogeneous and distributed content relating to Computer Science research in the UK. This content is gathered on a continuous basis ...

Keywords: ontologies, semantic web, semantic web challenge groupsResult page: **1** [2](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player  Real Player